



10/582002
PCT/JP2004/018184
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June 7, 2006

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2004/018184
-filed December 7, 2004

Re: Application of Manabu WATANABE, Koji YANAI, and Yumiko TSUYUKI
SURFACTANT TOLERANT CELLULASE AND METHOD FOR
MODIFICATION THEREOF
Assignee: **MEIJI SEIKA KAISHA, LTD.**
Our Ref: Q95278

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ two (2) sheets of drawings (Figs. 1-2).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the purposes of Patent Procedure (Dated June 13, 1997, August 11, 1997, and September 15, 2004).
- ☒ Statement to Support Filing and Submission in Accordance with 37 C.F.R. § 1.821-1.825
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references and copy of other various references.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



Sughrue

SUGHRUE MION, PLLC

Commissioner for Patents

Appln. No.: National Stage of PCT/JP2004/018184

Attorney Docket No. Q95278

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It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

The Government filing fee, after entry of the Preliminary Amendment, is calculated as follows:

Total claims	<u>20</u>	-	<u>20</u>	=		x	\$50.00	=	<u>\$0.00</u>
Independent claims	<u>4</u>	-	<u>3</u>	=	<u>1</u>	x	\$200.00	=	<u>\$200.00</u>
Base Fee									<u>\$300.00</u>
Search Fee*									<u>\$400.00</u>
Examination Fee*									<u>\$200.00</u>
TOTAL FILING FEE									<u>\$1100.00</u>
Recordation of Assignment									<u>\$ 40.00</u>
<u>TOTAL FEE</u>									<u>\$1140.00</u>

* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$1100.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-409692	December 8, 2003

Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Susan J. Mark, Reg. No. 30,951
Joseph J. Ruch, Jr.
Registration No. 26,577

Date: June 7, 2006

[TRANSLATION]

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INTERNATIONAL FORM

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF
MICROORGANISMS FOR THE PURPOSES OF
PATENT PROCEDURE

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT

issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page.

Depositor Name : Meiji Seika Kaisha, Ltd.
Ichiro KITAZATO, President
Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

1. Indication for Microorganism	
(Indication for Identification by depositor) Escherichia coli/ pEGD01	(Deposit Number) FERM BP-5973
2. Scientific Properties and Taxonomic Designation	
<p>The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described:</p> <p><input checked="" type="checkbox"/> Scientific Properties <input checked="" type="checkbox"/> Taxonomic Designation</p>	
3. Receipt and Deposit	
<p>This International Depositary Authority accepts the deposit of the microorganism in the above 1 on July 12, 1996 (date of the original deposit).</p>	
4. Receipt of Transfer Request	
<p>This International Depositary Authority accepted the deposit of the microorganism in the above 1 on July 12, 1996 (date of the original deposit), and the transfer request from the original deposit to the deposit according to Budapest Treaty on June 13, 1997. (Transfer from BIKOKEN-KINKI P-15729 deposited on July 12, 1996)</p>	
5. International Depositary Authority	
<p>Name: National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology Michio Oishi, Ph.D., Director General</p> <p>Address: 1-3, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305 Japan</p>	
June 13, 1997	

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[TRANSLATION] PATENT
JAN 20 1997 PCT/JP 07 JUN 2006

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Ichiro KITAZATO, President

Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

1. Indication for Microorganism	
(Indication for Identification by depositor) Escherichia coli/ pMKD01	(Deposit Number) FERM BP-5974
2. Scientific Properties and Taxonomic Designation	
<p>The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described:</p> <p>■ Scientific Properties</p> <p>■ Taxonomic Designation</p>	
3. Receipt and Deposit	
<p>This International Depositary Authority accepts the deposit of the microorganism in the above 1 on July 12, 1996 (date of the original deposit).</p>	
4. Receipt of Transfer Request	
<p>This International Depositary Authority accepted the deposit of the microorganism in the above 1 on July 12, 1996 (date of the original deposit), and the transfer request from the original deposit to the deposit according to Budapest Treaty on June 13, 1997.</p> <p>(Transfer from BIKOKEN-KINKI P-15730 deposited on July 12, 1996)</p>	
5. International Depositary Authority	
<p>Name: National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology Michio Oishi, Ph.D., Director General</p> <p>Address: 1-3, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305 Japan</p> <p style="text-align: right;">June 13, 1997</p>	

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Ichiro KITAZATO, President

Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

1. Indication for Microorganism	
(Indication for Identification by depositor) Humicola insolens MN 200-1	(Deposit Number) FERM BP-5977
2. Scientific Properties and Taxonomic Designation	
<p>The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described:</p> <p><input type="checkbox"/> Scientific Properties</p> <p><input checked="" type="checkbox"/> Taxonomic Designation</p>	
3. Receipt and Deposit	
<p>This International Depositary Authority accepts the deposit of the microorganism in the above 1 on July 15, 1996 (date of the original deposit).</p>	
4. Receipt of Transfer Request	
<p>This International Depositary Authority accepted the deposit of the microorganism in the above 1 on July 15, 1996 (date of the original deposit), and the transfer request from the original deposit to the deposit according to Budapest Treaty on June 13, 1997. (Transfer from BIKOKEN-KINKI P-15736 deposited on July 15, 1996)</p>	
5. International Depositary Authority	
<p>Name: National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology Michio Oishi, Ph.D., Director General</p> <p>Address: 1-3, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305 Japan</p>	
June 13, 1997	

[TRANSLATION]

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Depositor Name : Meiji Seika Kaisha, Ltd.
Ichiro KITAZATO, President

Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

1. Indication for Microorganism	
(Indication for Identification by depositor) Escherichia coli/ pCB1-M2XR	(Deposit Number) FERM BP-6045
2. Scientific Properties and Taxonomic Designation	
<p>The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described:</p> <p>■ Scientific Properties</p> <p>■ Taxonomic Designation</p>	
3. Receipt and Deposit	
<p>This International Depositary Authority accepts the deposit of the microorganism in the above 1 on September 9, 1996 (date of the original deposit).</p>	
4. Receipt of Transfer Request	
<p>This International Depositary Authority accepted the deposit of the microorganism in the above 1 on September 9, 1996 (date of the original deposit), and the transfer request from the original deposit to the deposit according to Budapest Treaty on August 11, 1997. (Transfer from BIKOKEN-KINKI P-15840 deposited on September 9, 1996)</p>	
5. International Depositary Authority	
<p>Name: National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology Michio Oishi, Ph.D., Director General</p> <p>Address: 1-3, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305 Japan</p>	
August 11, 1997	

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Depositor Name : Meiji Seika Kaisha, Ltd.
Ichiro KITAZATO, President

Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

1. Indication for Microorganism	
(Indication for Identification by depositor) Trichoderma viride MC 300-1	(Deposit Number) FERM BP-6047
2. Scientific Properties and Taxonomic Designation	
<p>The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described:</p> <p><input type="checkbox"/> Scientific Properties <input checked="" type="checkbox"/> Taxonomic Designation</p>	
3. Receipt and Deposit	
<p>This International Depositary Authority accepts the deposit of the microorganism in the above 1 on September 9, 1996 (date of the original deposit).</p>	
4. Receipt of Transfer Request	
<p>This International Depositary Authority accepted the deposit of the microorganism in the above 1 on September 9, 1996 (date of the original deposit), and the transfer request from the original deposit to the deposit according to Budapest Treaty on August 11, 1997. (Transfer from BIKOKEN-KINKI P-15842 deposited on September 9, 1996)</p>	
5. International Depositary Authority	
<p>Name: National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology Michio Oishi, Ph.D., Director General</p> <p>Address: 1-3, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305 Japan</p> <p style="text-align: right;">August 11, 1997</p>	

[TRANSLATION]

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identified at the bottom of this page.

Depositor Name : Meiji Seika Kaisha, Ltd.
Naotada SATO, President

Address : 4-16, Kyobashi 2-chome,
Chuo-ku, Tokyo, Japan

I. Indication for Microorganism	
(Indication for Identification by depositor) E.coli DH5 α /pUC118-STCEex	(Deposit Number) FERM BP-10127
II. Scientific Properties and Taxonomic Designation	
The Microorganism in the above 1 is accompanied by a document in which the following matter(s) is described: <input checked="" type="checkbox"/> Scientific Properties <input checked="" type="checkbox"/> Taxonomic Designation	
III. Receipt and Deposit	
This International Depositary Authority accepts the deposit of the microorganism in the above 1 on .	
IV. Receipt of Transfer Request	
This International Depositary Authority accepted the deposit of the microorganism in the above 1 on December 1, 2003 (date of the domestic deposit) (Transfer from FERM P-19602 deposited on December 1, 2003)	
V. International Depositary Authority	
Name: International Patent Organism Depositary National Institute of Advanced Industrial Science and Technology Dr. Masakazu YAMAOKA, Director	
Address: AIST Tsukuba Central 6, 1-1, Higashi 1-Chome Tsukuba-shi, Ibaraki-ken 305-8566 Japan	
September 15, 2004	